



## Newsletter of the Population Sciences Research Program at MSK

### MSK Awards 2022 Transdisciplinary Population Science Grants Funding to Support Innovation in Population Health Sciences

This year, four projects were awarded PSRP pilot grants. PSRP's Transdisciplinary grants are awarded to investigators involved with population science along with a specialist in a complimentary discipline. Please join us in congratulating our esteemed colleagues on their new funding!



▲ **Lee Jones** (Exercise Oncology), **Zsofia Stadler** (Medicine), and **Andrea Schietinger** (Immunology) were awarded for their project titled *Feasibility of Exercise Therapy in Patients with Lynch Syndrome: A Digitally Enabled Pilot Study*.



▲ **Justin Cross** (SKI Metabolism Center) and **Jun Mao** (Integrative Medicine) *Metabolic Profiling of Sleep Interventions Among Cancer Survivors*



▲ **Daniela Molena** (Surgery), **Christian Nelson** (Counseling Center), **Thomas Atkinson** (Counseling Center) were awarded for their project, *Cancer Anxiety Pilot Mindfulness Interdisciplinary Trial (CALM IT)*.



▲ **Francesca Gany** (Immigrant Health and Cancer Disparities) and **Emeline Aviki** (Surgery) were awarded for their study, *Evaluating the potential impact of Cancer-related Free Rx to Ensure Equity (Cancer FREE)*.

### Grants

Congratulations to the following PSRP members who received funding as Principal Investigators or Co-Principal Investigators

PI/Co-PI/MPI	Institute (Mechanism)	Project Title
Banerjee, Smita Ostroff, Jamie	NCI (R01)	Empathic Communication Skills Training to Reduce Lung Cancer Stigma
Carlsson, Sigrid	NIH (K22)	Improving shared decision making in cancer screening
Desai, Anjali	National Palliative Care Research Center	Values Added: Utilization and Effect of a "Patient Values Tab" in the Electronic Health Record
Gany, Francesca	Prevent Cancer Foundation	FITx3
Goldfarb, Shari	Institute for Advanced Study	The Adaptive and innate Immune Responses to Inherited Tp53 breast cancers in Li-Fraumeni patients
	Manhasset Women's Coalition Against Breast Cancer	Funding of Collaborative Project with Dr. Gemignani & Dr. Goldfarb: Young Women's Breast Cancer Project
Furberg-Barnes, Helena	American Institute for Cancer	Investigating the Immunologic Basis of the Obesity Paradox in Renal Cell Carcinoma
Kingham, T Peter	Oak Foundation	Nigerian Cancer Research Training Programme
Latham, Alicia	American Cancer Society	MSI Detection in Circulating Tumor DNA of Lynch Syndrome Patients
Leng, Jennifer	Prevent Cancer Foundation	FITx3
Lichtenthal, Wendy	NINR (R01)	NINR (R01) Meaning-Centered Grief Therapy for Parents Bereaved by Cancer: A Multisite Randomized Controlled
Mao, Jun	Cheezheng	Tibetree Pain Relieving Plaster for Musculoskeletal Pain Among Cancer Survivors
	PCORI	Music Therapy vs. Cognitive-Behavioral Therapy for Cancer-related Anxiety (MELODY)
Mitchell, Aaron	DoD	Improving Outcomes in Lethal Prostate Cancer through Guideline-concordant use of Bone Modifying Agents

Ostroff, Jamie	CTSC Pilot Award	Virtual gaming tool to improve physician stigma toward addiction
Ostroff Jamie, Banerjee, Smita	American Cancer Society	Empathic Communication Skills Training to Reduce Lung Cancer Stigma: Key Stakeholder Conference
Shu, Xiang	NIH (R00)	Validating promising metabolite biomarkers for colorectal cancer risk in Asians
Vickers, Andrew	Emerson Collective	Life-expectancy prediction for cancer treatment decision-making
Zauber, Ann	NIH (U01)	Modeling the Aftermath of the Disruption of Colorectal Screening and Treatment from the COVID-19 Pandemic

## PSRP Members' Recent Publications

Congratulations to our members on their noteworthy publications across the many disciplines within PSRP

▲ Melnic I, Alvarado AE, Claros M, Martinez CI, Gonzalez J, **Gany F**. Tailoring nutrition and cancer education materials for breast cancer patients. Patient Educ Couns. 2021 Jun 2;S0738-3991(21)00396-7. doi: 10.1016/j.pec.2021.05.040. Epub ahead of print. PMID: 34140197.

▲ **Gany F**, Melnic I, Ramirez J, Wu M, Li Y, Paolantonio L, Roberts-Eversley N, **Blinder V**, **Leng J**. The association between housing and food insecurity among medically underserved cancer patients. Support Care Cancer. 2021 Dec;29(12):7765-7774. doi: 10.1007/s00520-021-06254-1. Epub 2021 Jun 24. PMID: 34169329; PMCID: PMC8225310.

▲ Mujawar I, **Leng J**, Roberts-Eversley N, Narang B, Gany F. Sleep behavior of taxi drivers compared to the general US population. Journal of Transport & Health. 2021 Sep; 22.

▲ Mirpuri S, Traub K, Romero S, Hernandez M, **Gany F**. Cardiovascular Health Status of Taxi/FHV Drivers in the United States: A Systematic Review. Work. 2021 July;69(3): 927-944. PMID: 34219688. PMCID: PMC8485180.

▲ **Leng J**, Lui F, Narang B, Puebla L, González J, Lynch K, Gany F. Developing a Culturally Responsive Lifestyle Intervention for Overweight/Obese U.S. Mexicans. J Community Health. 2021 Jul 21. doi: 10.1007/s10900-021-01016-w. Epub ahead of print. PMID: 34291359.

▲ **Leng J**, **Costas-Muniz R**, Pelto D, Flores J, Ramirez J, Lui F, Tonda J, **Gany F**. A Case Study in Academic-Community Partnerships: A Community-Based Nutrition Education Program for Mexican Immigrants. J Community Health. 2021 Aug;46(4):660-666. doi: 10.1007/s10900-020-00933-6. Epub 2020 Oct 7. PMID: 33025364; PMCID: PMC8024423.

▲ Meernik C, Sandler DP, Peipins LA, Hodgson ME, **Blinder VS**, Wheeler SB, Nichols HB. Breast Cancer-Related Employment Disruption and Financial Hardship in the Sister Study. JNCI Cancer Spectr. 2021 Mar 17;5(3):pkab024. PMID: 34104865; PMCID: PMC8178802.

▲ **Blinder VS**, Eberle CE, Tran C, **Bao T**, Malik M, Jung G, Hwang C, Kappel L, Patil S, **Gany FM**. Use of patient-reported controls for secular trends to study disparities in cancer-related job loss. Journal of Cancer Survival. 2021 Oct;15(5):685-695. PMID: 33106995. PMCID: PMC8071836.

▲ **Roman BR**, **Aragones A**. Epidemiology and incidence of HPV-related cancers of the head and neck. J Surg Oncol. 2021 Nov; 124(6): 920-922. PMID: 3455806. PMCID: PMC8552291.

▲ Cartujano-Barrera, F, Peña-Vargas, CI, Arana-Chicas, E, Pérez-Ramos, JG, Mattei, J, Hurtado-de-Mendoza, A, **Costas-Muñiz, R**, Jiménez, J, Cupertino, AP Castro, EM. Decidetexto: Feasibility and acceptability of a mobile smoking cessation intervention in Puerto Rico. International Journal of Environmental Research and Public Health. 2021 Feb 3;18(4):1379. PMID: 33546156, PMCID: PMC7913140.

▲ Alatisse OI, ..., **Stadler ZK**, Kemel Y, Vakiani E, Berger MF, Chan TA, Solit DB, Shia J, Sanchez-Vega F, Schultz N, Brennan M, Smith JJ, **Kingham TP**. Molecular and phenotypic profiling of colorectal cancer patients in West Africa reveals biological insights. Nat Commun. 2021 Nov 24;12(1):6821. doi: 10.1038/s41467-021-27106-w. PMID: 34819518; PMCID: PMC8613248.

▲ Austria MD, Lynch K, Le T, Walters CB, **Atkinson TM**, **Vickers AJ**, **Carlsson SV**. Sexual and Gender Minority Persons' Perception of the Female Sexual Function Index. J Sex Med. 2021 Dec;18(12):2020-2027. doi: 10.1016/j.jsxm.2021.09.012. Epub 2021 Oct 31. PMID: 34732309; PMCID: PMC8642307.

### Mark your calendar

#### PSRP Seminars

- 3/15 **Chyke Doubeni, MBBS, MPH**  
Senior Associate Consultant, Professor of Family Medicine, Department of Family Medicine & Department of Internal Medicine, Mayo Clinic College of Medicine and Science
- 4/19 **Emily Tonorezos, MD, MPH**  
Director, Office of Cancer Survivorship, part of the Division of Cancer Control and Population Sciences, National Cancer Institute (NCI)
- 5/13 **Susan M Domchek, MD**  
Basser Professor in Oncology  
Executive Director of the Basser Center for BRCA  
Director, MacDonald Cancer Risk Evaluation Center  
Abramson Family Cancer Center, Perelman School of Medicine  
University of Pennsylvania, Philadelphia, PA

*The May 13th seminar will be held in person (details to follow). All other seminars will be held over zoom.*

#### We Welcome Your Feedback!

The PSRP News Committee would love to hear your thoughts and suggestions on how to improve the newsletter. Please feel free to send any comments to Richard Koppenaar ([koppenaar@mskcc.org](mailto:koppenaar@mskcc.org)). Thank you for your support!

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